## IAP3 Rec'd PCT/PTO 21 NOV 2005

| FORM PTO-1390<br>(REV. 01-2003)   |             |   | E PATENT & TRADEMARK OFFICE                                | ATTORNEY'S DOCKET NUMBER 124324           |  |  |  |  |  |
|---|-------------|---|--|---|--|--|--|--|--|
|   | D           | ANSMITTAL LETTER TO T<br>DESIGNATED/ELECTED OF  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/540,536 |   |  |  |  |  |  |
|   | C           | ONCERNING A FILING UN   |  |   |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO. PCT/GB2003/005152 INTERNATIONAL FILING DATE November 26, 2003                                     |             |   |  | PRIORITY DATE CLAIMED<br>January 14, 2003 |  |  |  |  |  |
| TITLE OF INVENTION RARE EARTH-TRANSITION METAL ALLOY ARTICLES   |             |   |  |   |  |  |  |  |  |
| APPLICANT FOR DO/EO/US Mark Henry SHIPTON   |             |   |  |   |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |             |   |  |   |  |  |  |  |  |
| 1.  |             | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |  |   |  |  |  |  |  |
| 2.  | $\boxtimes$ | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |  |   |  |  |  |  |  |
| 3.  |             | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |  |  |  |  |  |
| 4.  |             | The US has been elected (Article 31).   |  |   |  |  |  |  |  |
| 5.  |             | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |  |   |  |  |  |  |  |
|   |             | a. ☐ is attached hereto (required only if not communicated by the International Bureau).  |  |   |  |  |  |  |  |
|   |             | b. ☐ has been communicated by the International Bureau.   |  |   |  |  |  |  |  |
|   |             | c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |  |  |  |  |  |
| 6.  |             | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))   |  |   |  |  |  |  |  |
|   |             | a. is attached hereto.  |  |   |  |  |  |  |  |
|   |             | b.  has been previously submitted   | ted under 35 U.S.C. 154(d)(4).                             |   |  |  |  |  |  |
|   |             | c.  | n was filed in English.                                    |   |  |  |  |  |  |
| 7.  |             | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |  |   |  |  |  |  |  |
|   |             | a.   are attached hereto (required only if not communicated by the International Bureau).   |  |   |  |  |  |  |  |
|   |             | b.  have been communicated by the International Bureau.   |  |   |  |  |  |  |  |
|   |             | c.  have not been made; however, the time limit for making such amendments has NOT expired.   |  |   |  |  |  |  |  |
|   |             | d.  have not been made and will not be made.  |  |   |  |  |  |  |  |
| 8.  |             | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |   |  |  |  |  |  |
| 9.  |             | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |   |  |  |  |  |  |
| 10.   |             | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                    |  |   |  |  |  |  |  |
| Item  | s 11 t      | o 20 below concern document(s)  | or information included:                                   |   |  |  |  |  |  |
| 11.   |             | An Information Disclosure Stateme   | ent under 37 CFR 1.97 and 1.98.                            |   |  |  |  |  |  |
| 12.   |             | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |   |  |  |  |  |  |
| 13.   |             | A preliminary amendment.  |  |   |  |  |  |  |  |
| 14.   |             | An Application Data Sheet under 37 CFR 1.76.  |  |   |  |  |  |  |  |
| 15.   |             | A substitute specification.   |  |   |  |  |  |  |  |
| 16.   |             | A power of attorney and/or change of address letter.  |  |   |  |  |  |  |  |
| 17.   |             | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |   |  |  |  |  |  |
| 18.   |             | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |  |   |  |  |  |  |  |
| 19.   |             | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |   |  |  |  |  |  |
| 20.   | $\boxtimes$ | Other items or information: Notice of Acceptance and Filing Receipt Status Request  |  |   |  |  |  |  |  |
|   |             |   |  |   |  |  |  |  |  |
|   |             |   |  |   |  |  |  |  |  |

| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/540,536  |  | PCT/GB2003/005152         |                           | 124324                                  |  |  |  |  |  |
|--|--|---------------------------|---------------------------|---|--|--|--|--|--|
| 21.  The following fees are submitted:   |  |                           |                           |   | CALCULATIONS PTO USE ONLY              |  |  |  |  |
|  | , a, o o o o o o o o o o o o o o o o o o                                 | O/LEGER HIGH              | 110001                    |   |  |  |  |  |  |
|  |  |                           |                           |   |  |  |  |  |  |
| BASIC NATIONAL FEE (3  | 7 CFR 1 492(a))·   |                           | \$ 300.00                 | \$                                      |  |  |  |  |  |
| SEARCH FEE (37 CFR 1.4   |  | \$                        |                           |   |  |  |  |  |  |
| International preliminary ex<br>the USPTO as IPEA or IS/<br>industrial applicability for al<br>national stage  | amination report or w<br>A and favorable as to<br>Il claims presented in |                           |                           |   |  |  |  |  |  |
| International search fee (37   | 7 CFR 1.445(a)(2)) pa  |                           |                           |   |  |  |  |  |  |
| International search report the search fee is paid   |  |                           |                           |   |  |  |  |  |  |
| All situations not provided f EXAMINATION FEE (37 C  |  | \$                        |                           |   |  |  |  |  |  |
| International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage |  |                           |                           |   |  |  |  |  |  |
| All situations not provided f  |  |                           |                           |   |  |  |  |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |  |                           |                           |   |  |  |  |  |  |
| TOTAL PAGES OF<br>APPLICATION OVER<br>100 ( - 100)   | ÷ 50   | = †                       | x 250 =                   | \$                                      |  |  |  |  |  |
| †round up to next integer  |  |                           |                           |   |  |  |  |  |  |
| CLAIMS   | NUMBER FILED   | NUMBER EXTRA              | RATE                      | \$                                      |  |  |  |  |  |
| TOTAL CLAIMS   | - 20   | =                         | x 50.00 =                 | \$                                      |  |  |  |  |  |
| INDEPENDENT CLAIMS   | - 3  | =                         | x 200.00 =                | \$                                      |  |  |  |  |  |
| MULTIPLE DEPENDENT CLAIM(S)(if applicable) + 360.00 = \$   |  |                           |                           |   |  |  |  |  |  |
| TOTAL OF ABOVE CALCULATIONS = \$   |  |                           |                           |   |  |  |  |  |  |
| Applicant claims small   | entity status. See 37  | CFR 1.27. The fees        | indicated above are       | \$                                      |  |  |  |  |  |
| reduced by ½.  | <del></del>  | \$                        |                           |   |  |  |  |  |  |
| Processing fee of \$130.00   | for furnishing the Eng   | lich translation later th | SUBTOTAL =                | \$                                      |  |  |  |  |  |
| the earliest claimed priority  | date (37 CFR 1.492)  | f)).                      | NATIONAL FEE =            |   |  |  |  |  |  |
| Englar recording the apple   | and assignment /27 (   | \$<br>\$                  |                           |   |  |  |  |  |  |
| Fee for recording the enclo<br>accompanied by an approp  |  |                           |                           | Φ                                       |  |  |  |  |  |
|  | •  |                           | ES ENCLOSED =             | \$                                      | ************************************** |  |  |  |  |
|  |  | -                         |                           | Amount to be refunded:                  | \$                                     |  |  |  |  |
|  |  |                           |                           | charged:                                | \$                                     |  |  |  |  |
| a.   | in the amount of \$  | to cover the abo          | ove fees is enclosed.     |   | <del></del>                            |  |  |  |  |
| <ul> <li>a.  Check No in the amount of \$ to cover the above fees is enclosed.</li> <li>b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.</li> </ul>                     |  |                           |                           |   |  |  |  |  |  |
| c.   The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.  |  |                           |                           |   |  |  |  |  |  |
| d.   |  |                           |                           |   |  |  |  |  |  |
| NOTE: Where an appro   | priate time limit und  | ler 37 CFR 1.495 has      | not been met apen         | tion/to revive/(3/1/CF                  | R 1.137(a) or (b))                     |  |  |  |  |
| must be filed an   | a grantea to restore   | the application to p      | ending status.            | <i>       </i>                          |  |  |  |  |  |
| SEND ALL CORRESPON   |  |                           | /X // /// //              | /////////////////////////////////////// |  |  |  |  |  |
| OLIFF & BERRIDGE, PLC  |  |                           |                           |   |  |  |  |  |  |
| Customer Number  | r: 25944   |                           | NAME: Jame<br>REGISTRATIO | ∕s A. Oliff //<br>ON NUMB∕ER: 27,0      | 75                                     |  |  |  |  |
| Date November 21, 20   | 005  |                           | NAME: Philip              | A. Caramanica, Jr.                      |  |  |  |  |  |
| REGISTRATION NUMBER  |  |                           |                           |   | 28                                     |  |  |  |  |
|  |  |                           |                           |   |  |  |  |  |  |

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Mark Henry SHIPTON

ATTN: Application Branch

Application No.: 10/540,536

Docket No.: 124324

Filed: July 29, 2005

For: I

RARE EARTH-TRANSITION METAL ALLOY ARTICLÉS

## NOTIFICATION OF ACCEPTANCE AND FILING RECEIPT STATUS REQUEST

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The above-captioned patent application entered the National Phase on June 24, 2005. The Declaration was filed on July 29, 2005.

The original Notification of Acceptance and Filing Receipt have not yet been received. It is respectfully requested that the original Notification of Acceptance and Filing Receipt be immediately forwarded to the attorneys of record at the address set forth below.

If there are any questions regarding this matter, please contact the undersigned at the telephone number set forth below.

Registration No. 27,075

Philip A. Caramanica, Jr. Registration No. 51,528

JAO:PAC/nxy

Date: November 21, 2005

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400